

ABOUT SEALEGS

Sealegs Corporation Limited is a public company listed on the New Zealand Stock Exchange Main Board (NZX:SLG). Sealegs Corporation owns 100% of Sealegs International Limited, the world's leading manufacturer of amphibious boats. Sealegs International Limited has its office in Albany, Auckland and the Sealegs Amphibious boats are built in Auckland's North Shore.

UNIQUE PATENTED AMPHIBIOUS TECHNOLOGY

Sealegs is a registered trademark of Sealegs International Limited. The Sealegs amphibious boat design is a registered design. The Sealegs system has registered patents in.

Australia, Canada, Europe, Korea, Malaysia, Norway, New Zealand, United Arab Emirates, United States of America, and has other international patents pending.

THE SEALEGS SYSTEM UTILISES ALL SUBMERSIBLE COMPONENTS AND IS SALT WATER READY.

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Transom mounted Honda 22hp in-board air-cooled engine.



In-hub 315cc hydraulic wheel motor with internal mechanical safety break and proprietary submersible bearing hub. Max 900 Nm per wheel.



Sealegs System 60

For total gross craft weight (including payload) of 2500kg (5500lbs) inclusive of 525kg (1160lbs)

SYSTEM 60 AMPHIBIOUS KIT INCLUDES 25"X12" tires with 12" alloy rims, alloy front and rear legs, hydraulic lift and front steering cylinders, all wheel drive with front and rear marinised braked hydraulic wheel motors, 22hp Honda gasoline engine, hydraulic transmission pump, lift pump, transmission and lift manifold blocks and valves, power steering pump, outboard steering cylinder, wiring loom, external hydraulic hoses, stainless steel through-hull hydraulic fittings

OEM AMPHIBIOUS SYSTEM

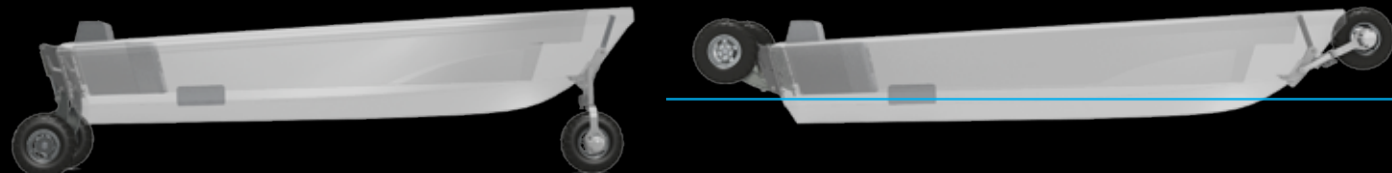
SEALEGS AMPHIBIOUS ENABLEMENT KIT

NOW AVAILABLE FOR BOATS 4.5m-7.5m



AMPHIBIOUS BY

SEALEGS®



OEM AMPHIBIOUS SYSTEM

THE SEALEGS CONCEPT

SEALEGS® is a revolutionary patented amphibious system for the power boat market. The Sealegs amphibious system has been specifically designed and developed to take all the hassle out of the boat launching and retrieval process.

Sealegs consists of motorised, retractable and steerable wheels which are fitted to boats to give users a fully integrated, turn-key amphibious package.

Sealegs has designed an unique amphibious capability for marine craft. Through a heavy focus on research and development into new technologies. Sealegs have produced over 900 amphibious marine systems which have been in operation for up to ten years on recreational, commercial, patrol and rescue boats. These craft make use of our unique patented amphibious system and technology. Now with the Sealegs System 60 amphibious enablement kit, boatbuilders around the world can make their boats amphibious too.

Sealegs System 60 amphibious enablement kit can be fitted to boats with hull lengths 4.5m to 7.5m

Front and rear wheels hydraulically extend or retract at the push of a button

12mm 6061 alloy bow bracket

3625psi Max operating pressure

Honda 22hp air-cooled inboard engine drives a hydraulic pump. The system includes a stainless steel muffler and a hydraulic oil cooler

25" X 12", 6ply heavy duty all terrain tires with 12inch alloy rims

Heat treated cast marine grade alloy legs.

Yoke block machined from 6061 grade solid aluminium billet.

How it Works

The system works by having powerful motorised wheels which give a user variable speed of 0-7km/h (forward and reverse) powered by an on-board 22hp Honda driven hydraulic power-pack.

A boat fitted with Sealegs can be driven from a storage location, down a boat ramp or beach and into the water - all with the occupants staying in the boat and remaining completely dry. Once in the water, the Sealegs wheels are easily retracted into the "UP" position and are completely out of the water. The boat is then driven and used as normal. When approaching land, the Sealegs wheels are lowered into the "DOWN" position whilst still moving in the water. It is then simply a matter of trolling towards the beach and the Sealegs powerful motorised wheels touch the bottom and drive the boat up onto land. The occupants can then disembark, totally dry and safe.



Proprietary marine grade, fully submersible/sealed bearing hub with taper roller bearings. Alloy 6061 anodised housing, with 2205 stainless steel drive hub.



Industrial grade solenoid controlled hydraulic cartridge valves with custom Sealegs manifold block.



Variable displacement hydraulic pump directly connected to Honda inboard drive shaft. No gear box, no clutch, no mechanical cables. Max 250bar (3625psi).



Custom hydraulic lift cylinders with alloy 6061 anodised body, with integral check valves and solid stainless steel 2205 shafts.



Dash mounted control panel with hydraulic joystick controller, wheels up / down switches, indicator panel and emergency stop button.